Product number: 68817

NFC Nail ABS - 37 x 8.55 x 6 mm - NTAG213 - 180 Byte - black



Product information

The NFC nail made of ABS material is particularly suitable for use on construction sites, but thanks NTAG213 can be used by all smartphones.

Short description

- ABS material, rigid
- not suitable for metallic/conductive surfaces
- Format: 37 x 8,55 x 6 mm
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The black NFC nail is made of plastic, making it both durable and waterproof. The nail has a length of 37 mm and a diameter of 6 mm. At the head the nail has a diameter of 8.55 mm. The NFC chip is also embedded at this point. It is also compatible with all NFC-enabled smartphones and tablets.

NFC chip

The NFC nail is equipped with the original NXP NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 bytes (free memory 144 bytes), thereof usable memory in the NDEF 137 bytes. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written up to 100,000 times and has a data retention of 10 years. The NTAG213 has the UID ASCII Mirror feature, which allows the tag's UID to be appended to the NDEF message, as well as an integrated NFC counter that automatically increments during readout. Both features are not enabled by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

- Total capacity: 180 bytes

- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

Product properties

Product number	68817
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Dimensions	37 x 8,5 mm (B x H)
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Frequency	13.56 MHz
Available colours	black
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
UID imprint	Yes
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Detail colour	black
Weight	4 g
Colour category	black
Material thickness	6 mm (T)
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag

Type	Nail
Water resistance	waterproof
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Adhesive layer	No

More images

